

ABSTRACT OF THE DISCLOSURE

A channel (103) is formed in a substrate (101) and a drying area (107) comprising a plurality of pillars (105) is formed in one end of the channel (103).

- 5 A cover (109) is formed over the channel (103), except the area above the drying area (107). When a sample is introduced into the channel (103), it is guided to the drying area (107) by capillary phenomenon. The drying area (107) is heated by a heater (111) to evaporate the solvent for concentrating and drying the solute.